

05/16/01



J1057 U.S. PTO

05-18-01

A

UTILITY  
PATENT APPLICATION  
TRANSMITTAL

Attorney Docket No : S-94,661

First Inventor or Application Identifier: Benjamin P. Warner et al.

Title: METHOD FOR DETECTING BINDING EVENTS USING MICRO-X-RAY  
FLUORESCENCE SPECTROMETRY

Express Mail Label No: EJ039307313US

JC986 U.S. PTO  
09/859701  
05/16/01

## APPLICATION ELEMENTS

## ADDRESS TO:

Box Patent Application  
Assistant Commissioner for Patents  
Washington, DC 20231

1. ☒ \* Fee Transmittal Form (e.g. PTO/SB/17)  
(submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages] 17  
☒ Descriptive title of the Invention  
☐ Cross References to Related Applications  
☒ Statement Regarding Fed sponsored R&D  
☐ Reference to sequence listing, a table  
or a compute program listing appendix  
☒ Background of the Invention  
☒ Brief Description of the Drawings (if filed)  
☒ Detailed Description  
☒ Claim(s)  
☒ Abstract of the Disclosure
4. ☐ Drawings(s) (35 U.S.C. 113) [Total Sheets] ]  
☐ Formal ☐ Informal
5. ☐ Declaration & Power of Attorney [Total Pages] ]  
a. ☐ Newly executed (original or copy)  
b. ☐ Copy from a prior application (37 C.F.R. §.63(d)  
(for continuation/divisional with Box 16 completed)  
c. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 C.F.R. §§ 1.63(d)(2) and 1.33 (b).

6. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
7. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)  
a. ☐ Computer Readable Copy  
b. Specification Sequence Listing on:  
i. ☐ CD-ROM or CD-R (2 copies): or  
ii. ☐ paper  
c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (cover sheet & documentation)
9. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of  
(when there is an assignee) Attorney
10. ☒ Information Disclosure ☒ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)  
(should be specifically itemized)
13. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
14. ☒ Other: Express Mail Certificate

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application S.N. \_\_\_\_/\_\_\_\_.

Prior application information: Examiner

Group/Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is  
considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can  
only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 16. CORRESPONDENCE ADDRESS

Name: Samuel L. Borkowsky  
Address: Los Alamos National Laboratory  
LC/BPL, MS D412  
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Name (Print/Type): Samuel L. Borkowsky

Registration No. (Attorney/Agent). 42,346

Signature:

Samuel L. Borkowsky

Date:

May 16, 2001

# FEE TRANSMITTAL For FY 2001

Patent fees are subject to annual revision  
Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid

## Complete if Known

Application Number: \_\_\_\_\_  
Filing Date: \_\_\_\_\_  
First Named Inventor: Benjamin P. Warner et al.  
Examiner Name: \_\_\_\_\_  
Group/Art Unit: \_\_\_\_\_  
Attorney Docket No.: S-94,661

### METHOD OF PAYMENT

1. ☒ The commissioner is hereby authorized to charge indicated fees and credit any over payments to:  
Deposit Account Number: **12-2150**  
Deposit Account Name: Los Alamos National Laboratory  
☒ Charge Any Additional Fee Required Under 37 C.F.R. 1.16 and 1.17  
☐ Applicant claims small entity status.  
See 37 CFR 1.27

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
\$710	\$355	Utility filing fee	
\$710	\$355	Reissue filing fee	
\$150	\$75	Provisional filing fee	

**SUBTOTAL (1) \$355**

**SMALL ENTITY DATE:**

#### 2. EXTRA CLAIM FEES

Paid	Extra	Fee from Fee
	Claims	Below
Total Claims 10	-20** =	X = -0-
Independent Claims 1	-3** =	X = -0-
Multiple Dependent		=

\*\* or number previously paid, if greater; For Reissues, see below

Large Entity Fee	Small Entity Fee	Fee Description
\$18	\$9	Claims in excess of 20
\$80	\$40	Independent claims in excess of 3
\$270	\$135	Multiple dependent claim, if not paid.
\$80	\$40	** Reissue independent claims over original patent
\$18	\$9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) \$-0-**

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
\$130	\$65	Surcharge - late filing fee or oath	
\$50	\$25	Surcharge - late provisional filing fee or cover sheet	
\$2,520	\$2,520	For filing a request for reexamination	
\$110	\$55	Extension for reply within first month	
\$390	\$195	Extension for reply within second month	
\$890	\$445	Extension for reply within third month	
\$1,390	\$695	Extension for reply within fourth month	
\$1,890	\$945	Extension for reply within fifth month	
\$310	\$155	Notice of Appeal	
\$310	\$155	Filing a brief in support of an appeal	
\$270	\$135	Request for oral hearing	
\$110	\$55	Petition to revive - unavoidable	
\$1,240	\$620	Petition to revive - unintentional	
\$130	\$130	Petitions to the Commissioner	
\$50	\$50	Petitions related to provisional applications	
\$240	\$240	Submission of Information Disclosure Statement	
\$710	\$355	Filing a submission after final rejection (37 CFR 1.129 (a))	
\$710	\$355	For each additional invention to be examined (37 CFR 1.129(b))	
\$300	\$300	Publication fee for early, voluntary, or normal publication	

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

**SUBTOTAL (3) \$-0-**

Reduced by Basic Filing Fee Paid

**SUBTOTAL FROM 1 \$355**

**SUBTOTAL FROM 2 \$-0-**

**SUBTOTAL FROM 3 \$-0-**

**TOTAL AMOUNT OF PAYMENT \$355**

### SUBMITTED BY

### Complete (if applicable)

Printed Name:	Samuel L. Borkowsky	Reg. No.	42,346
Signature:	<i>Samuel L. Borkowsky</i>	Date:	May 16, 2001
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Benjamin P. Warner et al.

Docket No.: S-94,661

Serial No.:

Examiner:

Filed :

Art Unit:

For : METHOD FOR DETECTING BINDING EVENTS  
USING MICRO-X-RAY FLUORESCENCE SPECTROMETRY

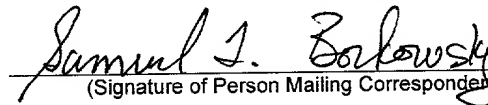
Box PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, DC 20231

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

I hereby certify that this Non-Provisional Patent Application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Box Patent Application, Assistant Commissioner for Patents, Washington, DC 20231 on May 16, 2001.

Samuel L. Borkowsky

(Typed or Printed Name of Person Mailing Correspondence)



(Signature of Person Mailing Correspondence)

EJ039307313US

("Express Mail" Mailing Label Number)